

AMENDETS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.(Currently Amended) An insertion unit for an endoscope, comprising:

 a flexible tube having an inner diameter D_1 and an inner cross-sectional area S ; and

 a plurality of components inserted and arranged in inside said flexible tube inner diameter, said components including an optical fiber bundle,

 wherein, said inner diameter D_1 is not less than 6.5 mm and said inner cross-sectional area S satisfies a condition:

$$0.5 \leq \Sigma s/S \leq 0.6$$

 where Σs represents a sum of cross-sectional areas of said components arranged in inside said flexible tube inner diameter.

2.(Original) The insertion unit according to claim 1, wherein said inner diameter D_1 is the inner diameter at the narrowest portion of said flexible tube.

3.(Original) The insertion unit according to claim 1, comprising a bendable member connected to said flexible tube, said bendable member being bent with said plurality of components inserted therein, said inner diameter D_1 being the inner diameter in the vicinity of where said bendable member is connected to said flexible tube.

4.(Currently Amended) An insertion unit of an endoscope, comprising:

a flexible tube having an inner diameter D_1 and an inner cross-sectional area S ; and

a plurality of components inserted and arranged ~~in~~ inside said flexible tube inner diameter, said components including an optical fiber bundle,

wherein, said inner diameter D_1 is less than 6.5 mm and said inner cross-sectional area S satisfies a following condition:

$$0.5 \leq \Sigma s/S \leq 0.65,$$

where Σs represents a sum of cross-sectional areas of said components arranged ~~in~~ inside said flexible tube inner diameter.

5. (Original) The insertion unit according to claim 4, wherein said inner diameter D_1 is the inner diameter at the narrowest portion of said flexible tube.

6. (Original) The insertion unit according to claim 5, comprising a bendable member connected to a distal end of said flexible tube, said bendable member being bent with said plurality of components inserted therein, said inner diameter D_1 being the inner diameter in the vicinity of a position where said bendable member is connected to said flexible tube.